

Labomiz

Semi-Automatic Chemistry Analyzers



MSCA-1A, MSCA-1B

Labomiz Scientific

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Semi-automatic chemistry analyzer is a unit with a wide wavelength and measuring range. The unit is pre equipped with a back-illuminated LCD, color touch screen for ease of usage. It features QC functions and also has a built-in thermal printer. Methods used are end point, fixed time, multistandard, bichromatic and immunoturbidimetry

Features:

- ▶ Low energy consumption
- ▶ Multilanguage facility
- ▶ LCD Touch screen technology
- ▶ RS-232 serial port, USB port interface

Applications:

Used for the analysis of various biological components in fields such as pathology, medical microbiology, and research purposes.

Specifications :

Model No.	MSCA-1A	MSCA-1B
Measuring volumes	450 μ L to 800 μ L	451 μ L to 800 μ L
Incubator	20 incubating positions	None
Wavelength	340 nm /405 nm /492 nm /510 nm /546 nm /578 nm /620 nm, 2 more filters available on request	
Wavelength accuracy	\pm 2 nm	
Temperature	25 $^{\circ}$ C, 30 $^{\circ}$ C, 37 $^{\circ}$ C	
Precision	\pm 0.1 $^{\circ}$ C	
Measuring range	0 to 3.0 O.D	
Photometric linearity	\pm 2 % (0 to 3.0 O.D)	
Photometric accuracy	\pm 1 % (0 to 3.0 O.D)	
Carry-over	\leq 1 %	
Drift	< 0.005 O.D/hr	
Display	Back-illuminated LCD, color touch screen	
Storage	Over 180 programs, 3000 test results	
Printer	Built-in thermal printer	
Software	For computer communication on request	

Test menu	T.BILI	r-GT/GGT	CHO	Ca	APOB -1/B	CHE
	D.BILI	ALP/AKP	TG	CL	APOB	CREA
	TP	UREA	CK	P	CK-MB	Mg
	ALB	LDH	CK	ASO	AFU	Lactic acid
	ALT/GPT	UA	α -HBDH	CO2	FMN	LP(a)
	AST/GOT	GLU	AMY	LDL -C	HDL -C	Lactic acid
	TBA	ADA	HS-CRP	PA	Fe	Cu
	Zn	C3	C4	IgG		
	IgM	IgA	and drug, toxicity, etc			
	Interface	RS-232 serial port, USB port				
Power supply	AC 110 V/ 60 Hz or 220 V/ 50 Hz					
Dimensions	340 x 380 x 180 cm					
Weight	8 kg				7 kg	



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